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Product datasheet for AR50241PU-S

BIRC7 / LIVIN (1-280, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	BIRC7 / LIVIN (1-280, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMGPKDS AKCLHRGPQP SHWAAGDGPT QERCGPRSLG SPVLGLDTCR AWDHVDGQIL GQLRPLTEEE EEEGAGATLS RGPAFPGMGS EELRLASFYD WPLTAEVPPE LLAAAGFFHT GHQDKVRCFF CYGGLQSWKR GDDPWTEHAK WFPSCQFLLR SKGRDFVHSV QETHSQLLGS WDPWEEPEDA APVAPSVPAS GYPELPTPRR EVQSESAQEP GARDVEAQLR RLQEERTCKV CLDRAVSIVF VPCGHLVCAE CAPGLQLCPI CRAPVRSRVR TFLS
Tag:	His-tag
Predicted MW:	33.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 40% glycerol, 300 mM NaCl, 1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human Livin beta protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_071444
Locus ID:	79444
UniProt ID:	Q96CA5
Cytogenetics:	20q13.33
Synonyms:	KIAP; LIVIN; ML-IAP; MLIAP; RNF50

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Summary: This gene encodes a member of the inhibitor of apoptosis protein (IAP) family, and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Elevated levels of the encoded protein may be associated with cancer progression and play a role in chemotherapy sensitivity. Alternative splicing results in multiple transcript variants [provided by RefSeq, Jul 2013]

Protein Families: Druggable Genome